

Headquarters Air Combat Command

Army Weather Transformation Panel Discussion



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**This Briefing is:
UNCLASSIFIED**



Purpose

Update Army Weather
Personnel on AF Weather's
Support Concept for Army
Modular Forces



Situation

- **The Army is transforming in a fluid environment**
 - **Late to coordinate transformation requirements to AF (Weather and TAC-P)**
- **BWTs want to be responsive but have constraints on resources**
- **AFW has developed immediate and near-term solutions**

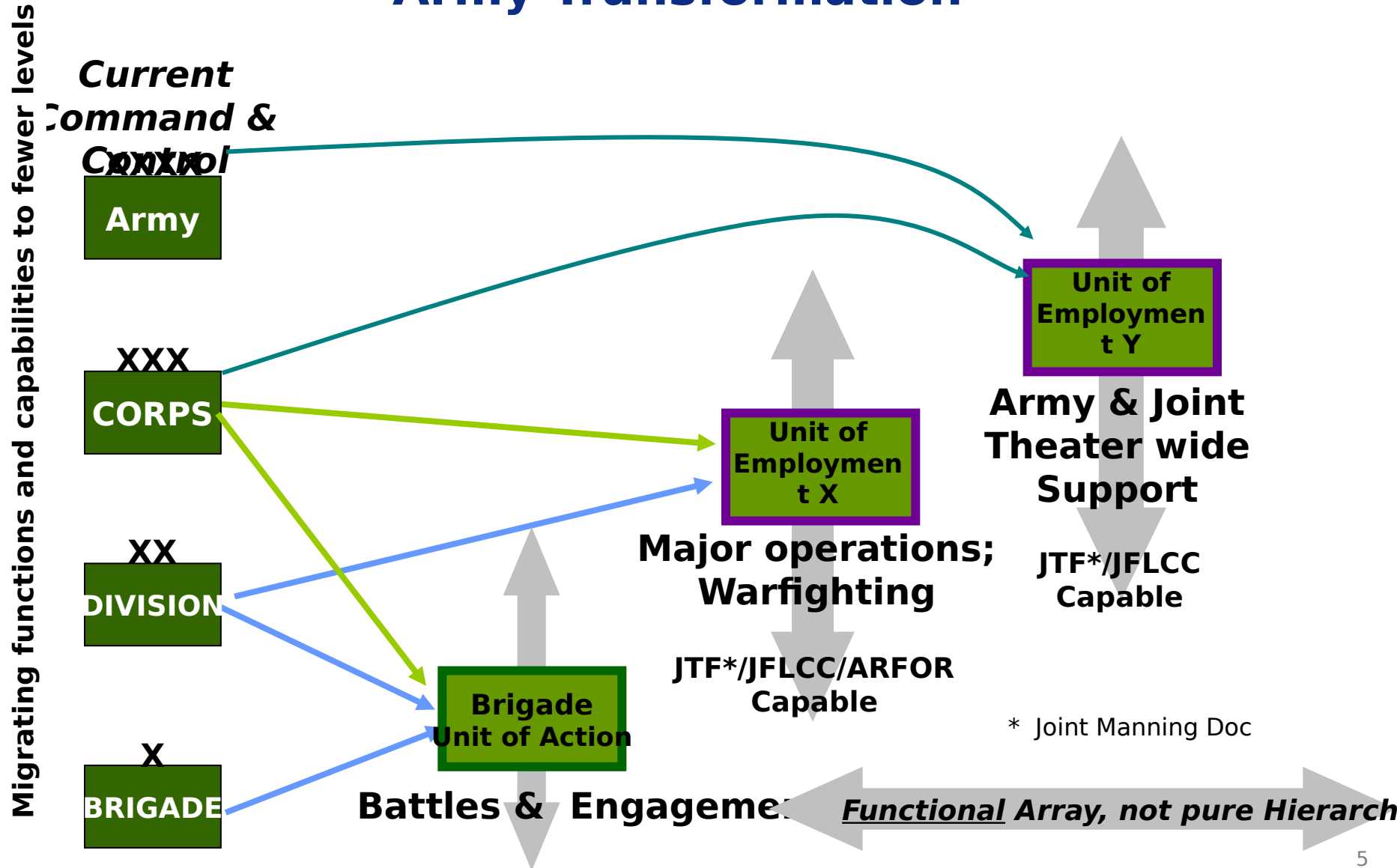


Overview

- **Major Forcing Functions**
- **The Manpower Challenge**
- **Chronology**
- **The Solution**
- **Process Overview**
- **Force Pooling**
 - **Way-Ahead**
 - **Organizations**
 - **Employment**
 - **Advantages**
 - **Challenges**
- **Timeline**



Major Forcing Functions Army Transformation



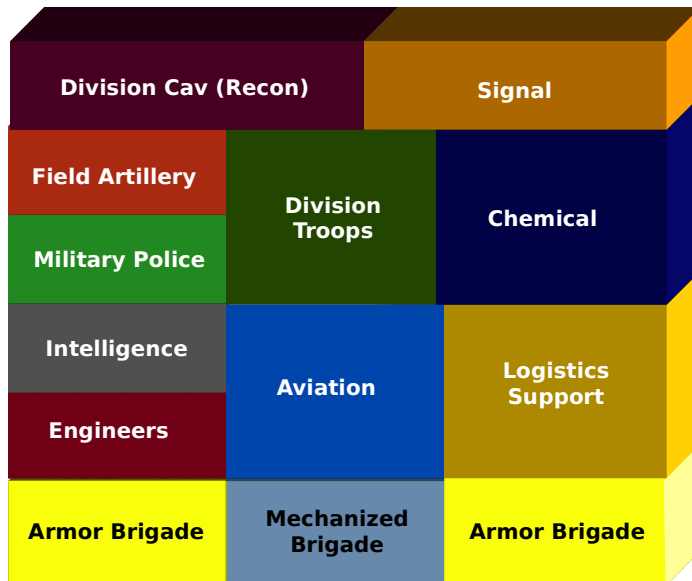


Major Forcing Functions

Army Transformation

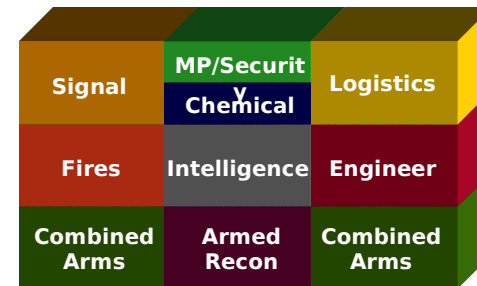
FROM: An Army based around large, powerful, fixed organizations

XX
Division X 10

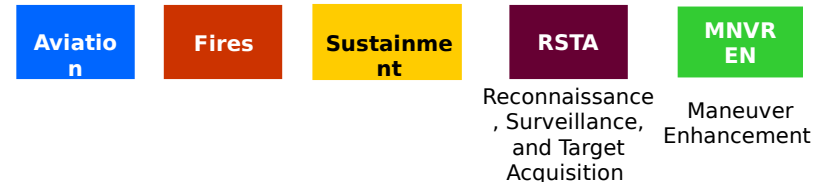


TO: An Army designed around smaller, more self-contained organizations

X
Brigade X 43



... and modular multi-functional Support Brigades



FOCUS SHIFTS FROM DIVISION TO BRIGADE



Major Forcing Functions

Air Force / Joint

- **AF force shaping efforts (- 26K faces)**
- **Capabilities-Based Manpower Study**
- **AF Transformation**
- **Overhaul / development of Joint / Service wx doctrine**
- **BRAC**



The Manpower Challenge

**In a resource constrained environment
... where's the biggest bang for the
buck?**

UEy											
OCP	EECP	MCG	Main CP	Intel	Sus	Eng	CA	Med	AMD	AVN	Net

UEx (3/2-star)			
TAC 1	TAC 2	MCG	Main CP

SPT BDES					BCT		
MFAB	BFSB	ME	FIRES	SUS	CP2	CP1	MCG



The Solution

Battlefield Weather (BW) Transformation

**FROM: Fixed team sizes
based on supported
echelon**

ECHELON	TEAM SIZE OFF / ENL
ASCC	4 / 8
CORPS	2 / 10
DIV	2 / 4
AVN BDE	1 / 8
MAN BDE	0 / 0
SEP BDE	1 / 4
ACR	2 / 7
SBCT	1 / 3

**TO: Force-tailored teams
based on required
capability**

ECHELON	TEAM SIZE
UEy	TAILORED
UEx	TAILORED
BCT	TAILORED
MFAB	TAILORED

ACHIEVED THROUGH "FORCE POOLING"



Process Overview

Part 1 - Determine In-place Reqmts

- **Key inputs / strategies**
 - **Army Statement of Requirements**
 - **Capabilities-based manpower study processes**
- **Results adjusted based on Army AO input from:**
 - **FORSCOM: G-3 Plans / Advanced Concepts Division**
 - **CAC: G-8 / Combined Arms Doctrine Division**
 - **Army Futures Center: UE Integration Division**
 - **ANG: BW Functional Manager**
 - **HQ DA: G-2, G-3, and G-8 AOs**



Process Overview

- **Some level of in-person support required at:**
 - **UEy Operational Command Post**
 - **Theater Aviation Command**
 - **UEx TAC 1 and TAC 2**
 - **Brigade Combat Team CP2**
 - **Multi-Functional Aviation Brigades (MFAB)**
 - **Battlefield Surveillance Brigades (BfSB)**



Force Pooling

Way-Ahead

- **Short Term:** AF to re-organize wx forces into “force pools” in conjunction with Army transformation plan
 - Only currently supported echelons receive in-place spt
 - New BCTs receive remote spt per Army Dep G-2 & ACC/DO memos
 - Applies to OS units returning to CONUS under BRAC
- **Mid Term:** As force pool grows (w/in existing resources), AF reconsiders in-place reqmt for remaining BCT spt (case-by-case) *if* pool size can support it. Continue to POM for addn'l manpower (+141 Total Force)
- **Long Term:** Look for M2M solutions per *AFW Strategic Plan and Vision for FY2008-2032*



Force Pooling Organization

- **Establish BW force pools (manpower and equipment)**
 - **CONUS (2 Active Duty pools):** Consolidate most wx authorizations, currently spread across 18 Army posts, at 3 WS (Ft Hood) and 18 WS (Pope AFB)
 - **USAFE (1 Active Duty pool):** Move 7 WS from Heidelberg to Wiesbaden. Consolidate most wx authorizations, currently spread across 11 Army posts, at 7 WS
 - **PACAF (1 Active Duty pool):** Pool is dispersed due to geographic considerations
 - **ANG:** Exploring force pool COAs for NGB approval



Force Pooling Organization

- **Establish wx liaison function / process at all UEys, UExs, BCTs and MFABs to coord deployed / exercise wx support reqmts**
- **Ensure manpower is left behind to continue airfield services at Army airfields**
- **Continue to work plus-up in POM**



Force Pooling Employment

OWS

Operational Weather Squadron. Provide regionally focused wx products to forward-deployed wx forces through reachback. Also provide airfield forecasts and wx watches, warnings and advisories for garrison / deployed locations as required

BWOT

BW Overwatch Team. A centralized force-tailored team that provides direct mission execution forecast (MEF) support to deployed BW Liaisons, and support brigades without in-place wx forces, through overwatch. BWOT + BW LN = BWT.

BWT

BW Team. A force-tailored team of BW personnel that provides or arranges for wx support to a specified Army unit. Primarily use OWS regional guidance to produce MEFs. May be split into task-organized teams for specific missions.

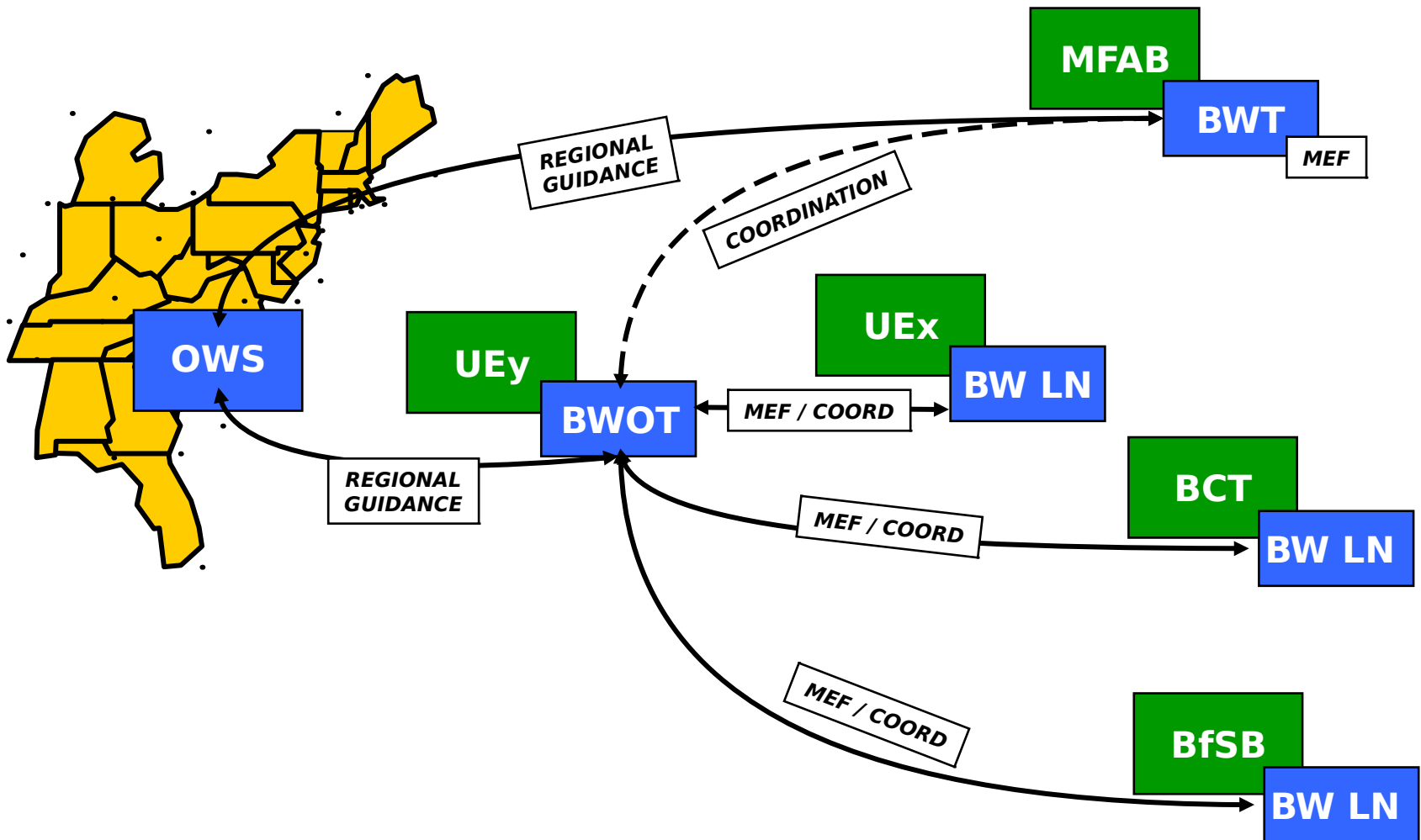
BW LN

BW Liaison. A force-tailored liaison team (may be 1 person) that arranges for MEF support for a specific Army unit. Comprised of BW personnel. Maintains weather operational situational awareness and coordinates MEF support from the BWOT.

***FORCE POOL CDR TAILORS TO MEET ARMY
REQUIREMENT***



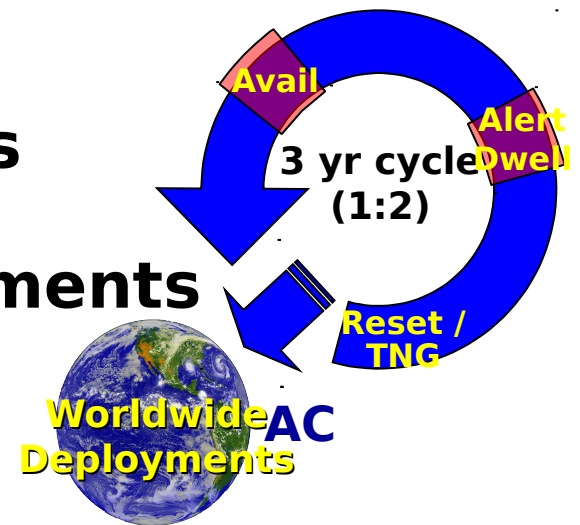
Force Pooling Employment





Force Pooling Advantages

- Manpower bill **reduced from 352 to 141 (Total Force)** with force pooling
- **Greater deployment flexibility**
- **Predictable deployment cycles—synchronized with ARFORGEN process**
- **Maximized training efficiencies**
- **Decreased equipment requirements**
- **Focus on wartime mission**





Force Pooling Challenges

- Still require **141 additional** positions (Total Force)
- Difficulty supporting “back 40” exercises
- MTOE maintenance
- Facilities for force pool
- Additional funding (needed with or w/o force pooling)
 - Individual Equipment (1 time cost): **\$800K**
 - Weather Equipment (1 time cost): **\$9.7M**
 - Sustainment **\$500K/yr**



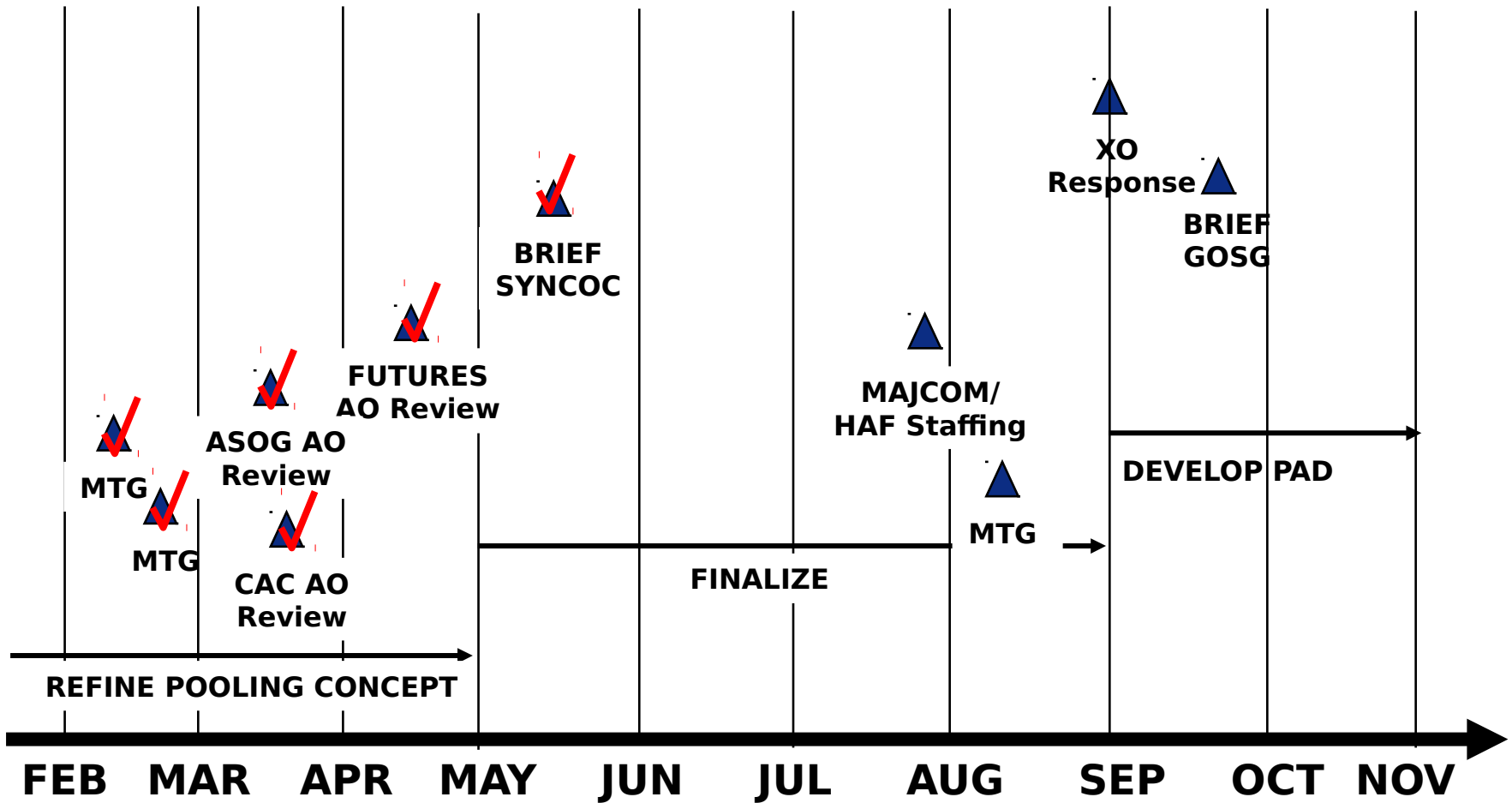
Force Pooling

Next Steps

- **Enabling Concept sent out for MAJCOM coordination**
- **AF/XO provides official response to Army G-2 Statement of Reqmts (due 1 Sep)**
- **Vet through GO Steering Group**
- **Develop program action directive (PAD)**



Timeline



Headquarters Air Combat Command

Questions?



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